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Global Power Discrete Device Market Research Report 2024, Forecast to 2032

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Abstracts

Report Overview

A discrete power device (or discrete component) is an electronic component with just one circuit element, either passive (resistor, capacitor, inductor, diode) or active (transistor or vacuum tube), other than an integrated circuit. It is an electronic component widely used in automotive & transportation, industrial, consumer, communication and among others. In this report, the transistor, diodes and tryristors are counted.

The global Power Discrete Device market size was estimated at USD 6354.50 million in 2023 and is projected to reach USD 10735.79 million by 2032, exhibiting a CAGR of 6.00% during the forecast period.

North America Power Discrete Device market size was estimated at USD 1830.49 million in 2023, at a CAGR of 5.14% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Power Discrete Device market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Power Discrete Device Market, this report introduces in detail the market share,

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market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Power Discrete Device market in any manner.

Global Power Discrete Device Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Infineon

Onsemi

ST Microelectronics

Mitsubishi Electric (Vincotech)

Nexperia

Vishay Intertechnology

Toshiba

Fuji Electric

Rohm

Renesas Electronics

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Diodes Incorporated

Littelfuse (IXYS)

Alpha & Omega Semiconductor

SEMIKRON

Hitachi Power Semiconductor Device

Microchip

Sanken Electric

Semtech

MagnaChip

Danfoss

Bosch

Texas Instruments

KEC Corporation

Cree (Wolfspeed)

PANJIT Group

Unisonic Technologies (UTC)

Niko Semiconductor

Hangzhou Silan Microelectronics

Yangzhou Yangjie Electronic Technology

China Resources Microelectronics Limited

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Jilin Sino-Microelectronics

StarPower

NCEPOWER

Hangzhou Li-On Microelectronics Corporation

Jiangsu Jiejie Microelectronics

OmniVision Technologies

Suzhou Good-Ark Electronics

Zhuzhou CRRC Times Electric

WeEn Semiconductors

Changzhou Galaxy Century Microelectronics

MacMic Science & Technolog

BYD

Hubei TECH Semiconductors

JSC Mikron

Market Segmentation (by Type)

Transistor

Diodes

Thyristors

Market Segmentation (by Application)

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Automotive & Transportation

Industrial

Consumer

Communication

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Power Discrete Device
1.2 Key Market Segments
  1.2.1 Power Discrete Device Segment by Type
  1.2.2 Power Discrete Device Segment by Application
1.3 Methodology & Sources of Information
  1.3.1 Research Methodology
  1.3.2 Research Process
  1.3.3 Market Breakdown and Data Triangulation
  1.3.4 Base Year
  1.3.5 Report Assumptions & Caveats

2 POWER DISCRETE DEVICE MARKET OVERVIEW

2.1 Global Market Overview
  2.1.1 Global Power Discrete Device Market Size (M USD) Estimates and Forecasts (2019-2032)
  2.1.2 Global Power Discrete Device Sales Estimates and Forecasts (2019-2032)
2.2 Market Segment Executive Summary
2.3 Global Market Size by Region

3 POWER DISCRETE DEVICE MARKET COMPETITIVE LANDSCAPE

3.1 Global Power Discrete Device Sales by Manufacturers (2019-2024)
3.2 Global Power Discrete Device Revenue Market Share by Manufacturers (2019-2024)
3.3 Power Discrete Device Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
3.4 Global Power Discrete Device Average Price by Manufacturers (2019-2024)
3.5 Manufacturers Power Discrete Device Sales Sites, Area Served, Product Type
3.6 Power Discrete Device Market Competitive Situation and Trends
  3.6.1 Power Discrete Device Market Concentration Rate
  3.6.2 Global 5 and 10 Largest Power Discrete Device Players Market Share by Revenue
  3.6.3 Mergers & Acquisitions, Expansion

4 POWER DISCRETE DEVICE INDUSTRY CHAIN ANALYSIS

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4.1 Power Discrete Device Industry Chain Analysis
4.2 Market Overview of Key Raw Materials
4.3 Midstream Market Analysis
4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF POWER DISCRETE DEVICE MARKET

5.1 Key Development Trends
5.2 Driving Factors
5.3 Market Challenges
5.4 Market Restraints
5.5 Industry News
  5.5.1 New Product Developments
  5.5.2 Mergers & Acquisitions
  5.5.3 Expansions
  5.5.4 Collaboration/Supply Contracts
5.6 Industry Policies

6 POWER DISCRETE DEVICE MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)
6.2 Global Power Discrete Device Sales Market Share by Type (2019-2024)
6.3 Global Power Discrete Device Market Size Market Share by Type (2019-2024)
6.4 Global Power Discrete Device Price by Type (2019-2024)

7 POWER DISCRETE DEVICE MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)
7.2 Global Power Discrete Device Market Sales by Application (2019-2024)
7.3 Global Power Discrete Device Market Size (M USD) by Application (2019-2024)
7.4 Global Power Discrete Device Sales Growth Rate by Application (2019-2024)

8 POWER DISCRETE DEVICE MARKET CONSUMPTION BY REGION

8.1 Global Power Discrete Device Sales by Region
  8.1.1 Global Power Discrete Device Sales by Region
  8.1.2 Global Power Discrete Device Sales Market Share by Region
8.2 North America

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8.2.1 North America Power Discrete Device Sales by Country
8.2.2 U.S.
8.2.3 Canada
8.2.4 Mexico
8.3 Europe
8.3.1 Europe Power Discrete Device Sales by Country
8.3.2 Germany
8.3.3 France
8.3.4 U.K.
8.3.5 Italy
8.3.6 Russia
8.4 Asia Pacific
8.4.1 Asia Pacific Power Discrete Device Sales by Region
8.4.2 China
8.4.3 Japan
8.4.4 South Korea
8.4.5 India
8.4.6 Southeast Asia
8.5 South America
8.5.1 South America Power Discrete Device Sales by Country
8.5.2 Brazil
8.5.3 Argentina
8.5.4 Columbia
8.6 Middle East and Africa
8.6.1 Middle East and Africa Power Discrete Device Sales by Region
8.6.2 Saudi Arabia
8.6.3 UAE
8.6.4 Egypt
8.6.5 Nigeria
8.6.6 South Africa

9 POWER DISCRETE DEVICE MARKET PRODUCTION BY REGION

9.1 Global Production of Power Discrete Device by Region (2019-2024)
9.2 Global Power Discrete Device Revenue Market Share by Region (2019-2024)
9.3 Global Power Discrete Device Production, Revenue, Price and Gross Margin (2019-2024)
9.4 North America Power Discrete Device Production
9.4.1 North America Power Discrete Device Production Growth Rate (2019-2024)

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9.4.2 North America Power Discrete Device Production, Revenue, Price and Gross Margin (2019-2024)
9.5 Europe Power Discrete Device Production
9.5.1 Europe Power Discrete Device Production Growth Rate (2019-2024)
9.5.2 Europe Power Discrete Device Production, Revenue, Price and Gross Margin (2019-2024)
9.6 Japan Power Discrete Device Production (2019-2024)
9.6.1 Japan Power Discrete Device Production Growth Rate (2019-2024)
9.6.2 Japan Power Discrete Device Production, Revenue, Price and Gross Margin (2019-2024)
9.7 China Power Discrete Device Production (2019-2024)
9.7.1 China Power Discrete Device Production Growth Rate (2019-2024)
9.7.2 China Power Discrete Device Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Infineon
10.1.1 Infineon Power Discrete Device Basic Information
10.1.2 Infineon Power Discrete Device Product Overview
10.1.3 Infineon Power Discrete Device Product Market Performance
10.1.4 Infineon Business Overview
10.1.5 Infineon Power Discrete Device SWOT Analysis
10.1.6 Infineon Recent Developments
10.2 Onsemi
10.2.1 Onsemi Power Discrete Device Basic Information
10.2.2 Onsemi Power Discrete Device Product Overview
10.2.3 Onsemi Power Discrete Device Product Market Performance
10.2.4 Onsemi Business Overview
10.2.5 Onsemi Power Discrete Device SWOT Analysis
10.2.6 Onsemi Recent Developments
10.3 ST Microelectronics
10.3.1 ST Microelectronics Power Discrete Device Basic Information
10.3.2 ST Microelectronics Power Discrete Device Product Overview
10.3.3 ST Microelectronics Power Discrete Device Product Market Performance
10.3.4 ST Microelectronics Power Discrete Device SWOT Analysis
10.3.5 ST Microelectronics Business Overview
10.3.6 ST Microelectronics Recent Developments
10.4 Mitsubishi Electric (Vincotech)

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10.4.1 Mitsubishi Electric (Vincotech) Power Discrete Device Basic Information
10.4.2 Mitsubishi Electric (Vincotech) Power Discrete Device Product Overview
10.4.3 Mitsubishi Electric (Vincotech) Power Discrete Device Product Market Performance
10.4.4 Mitsubishi Electric (Vincotech) Business Overview
10.4.5 Mitsubishi Electric (Vincotech) Recent Developments
10.5 Nexperia
10.5.1 Nexperia Power Discrete Device Basic Information
10.5.2 Nexperia Power Discrete Device Product Overview
10.5.3 Nexperia Power Discrete Device Product Market Performance
10.5.4 Nexperia Business Overview
10.5.5 Nexperia Recent Developments
10.6 Vishay Intertechnology
10.6.1 Vishay Intertechnology Power Discrete Device Basic Information
10.6.2 Vishay Intertechnology Power Discrete Device Product Overview
10.6.3 Vishay Intertechnology Power Discrete Device Product Market Performance
10.6.4 Vishay Intertechnology Business Overview
10.6.5 Vishay Intertechnology Recent Developments
10.7 Toshiba
10.7.1 Toshiba Power Discrete Device Basic Information
10.7.2 Toshiba Power Discrete Device Product Overview
10.7.3 Toshiba Power Discrete Device Product Market Performance
10.7.4 Toshiba Business Overview
10.7.5 Toshiba Recent Developments
10.8 Fuji Electric
10.8.1 Fuji Electric Power Discrete Device Basic Information
10.8.2 Fuji Electric Power Discrete Device Product Overview
10.8.3 Fuji Electric Power Discrete Device Product Market Performance
10.8.4 Fuji Electric Business Overview
10.8.5 Fuji Electric Recent Developments
10.9 Rohm
10.9.1 Rohm Power Discrete Device Basic Information
10.9.2 Rohm Power Discrete Device Product Overview
10.9.3 Rohm Power Discrete Device Product Market Performance
10.9.4 Rohm Business Overview
10.9.5 Rohm Recent Developments
10.10 Renesas Electronics
10.10.1 Renesas Electronics Power Discrete Device Basic Information
10.10.2 Renesas Electronics Power Discrete Device Product Overview

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info@marketpublishers.com

10.10.3 Renesas Electronics Power Discrete Device Product Market Performance
10.10.4 Renesas Electronics Business Overview
10.10.5 Renesas Electronics Recent Developments
10.11 Diodes Incorporated
10.11.1 Diodes Incorporated Power Discrete Device Basic Information
10.11.2 Diodes Incorporated Power Discrete Device Product Overview
10.11.3 Diodes Incorporated Power Discrete Device Product Market Performance
10.11.4 Diodes Incorporated Business Overview
10.11.5 Diodes Incorporated Recent Developments
10.12 Littelfuse (IXYS)
10.12.1 Littelfuse (IXYS) Power Discrete Device Basic Information
10.12.2 Littelfuse (IXYS) Power Discrete Device Product Overview
10.12.3 Littelfuse (IXYS) Power Discrete Device Product Market Performance
10.12.4 Littelfuse (IXYS) Business Overview
10.12.5 Littelfuse (IXYS) Recent Developments
10.13 Alpha and Omega Semiconductor
10.13.1 Alpha and Omega Semiconductor Power Discrete Device Basic Information
10.13.2 Alpha and Omega Semiconductor Power Discrete Device Product Overview
10.13.3 Alpha and Omega Semiconductor Power Discrete Device Product Market Performance
10.13.4 Alpha and Omega Semiconductor Business Overview
10.13.5 Alpha and Omega Semiconductor Recent Developments
10.14 SEMIKRON
10.14.1 SEMIKRON Power Discrete Device Basic Information
10.14.2 SEMIKRON Power Discrete Device Product Overview
10.14.3 SEMIKRON Power Discrete Device Product Market Performance
10.14.4 SEMIKRON Business Overview
10.14.5 SEMIKRON Recent Developments
10.15 Hitachi Power Semiconductor Device
10.15.1 Hitachi Power Semiconductor Device Power Discrete Device Basic Information
10.15.2 Hitachi Power Semiconductor Device Power Discrete Device Product Overview
10.15.3 Hitachi Power Semiconductor Device Power Discrete Device Product Market Performance
10.15.4 Hitachi Power Semiconductor Device Business Overview
10.15.5 Hitachi Power Semiconductor Device Recent Developments
10.16 Microchip
10.16.1 Microchip Power Discrete Device Basic Information

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info@marketpublishers.com

10.16.2 Microchip Power Discrete Device Product Overview
10.16.3 Microchip Power Discrete Device Product Market Performance
10.16.4 Microchip Business Overview
10.16.5 Microchip Recent Developments
10.17 Sanken Electric
10.17.1 Sanken Electric Power Discrete Device Basic Information
10.17.2 Sanken Electric Power Discrete Device Product Overview
10.17.3 Sanken Electric Power Discrete Device Product Market Performance
10.17.4 Sanken Electric Business Overview
10.17.5 Sanken Electric Recent Developments
10.18 Semtech
10.18.1 Semtech Power Discrete Device Basic Information
10.18.2 Semtech Power Discrete Device Product Overview
10.18.3 Semtech Power Discrete Device Product Market Performance
10.18.4 Semtech Business Overview
10.18.5 Semtech Recent Developments
10.19 MagnaChip
10.19.1 MagnaChip Power Discrete Device Basic Information
10.19.2 MagnaChip Power Discrete Device Product Overview
10.19.3 MagnaChip Power Discrete Device Product Market Performance
10.19.4 MagnaChip Business Overview
10.19.5 MagnaChip Recent Developments
10.20 Danfoss
10.20.1 Danfoss Power Discrete Device Basic Information
10.20.2 Danfoss Power Discrete Device Product Overview
10.20.3 Danfoss Power Discrete Device Product Market Performance
10.20.4 Danfoss Business Overview
10.20.5 Danfoss Recent Developments
10.21 Bosch
10.21.1 Bosch Power Discrete Device Basic Information
10.21.2 Bosch Power Discrete Device Product Overview
10.21.3 Bosch Power Discrete Device Product Market Performance
10.21.4 Bosch Business Overview
10.21.5 Bosch Recent Developments
10.22 Texas Instruments
10.22.1 Texas Instruments Power Discrete Device Basic Information
10.22.2 Texas Instruments Power Discrete Device Product Overview
10.22.3 Texas Instruments Power Discrete Device Product Market Performance
10.22.4 Texas Instruments Business Overview

+357 96 030922
info@marketpublishers.com

10.22.5 Texas Instruments Recent Developments
10.23 KEC Corporation
10.23.1 KEC Corporation Power Discrete Device Basic Information
10.23.2 KEC Corporation Power Discrete Device Product Overview
10.23.3 KEC Corporation Power Discrete Device Product Market Performance
10.23.4 KEC Corporation Business Overview
10.23.5 KEC Corporation Recent Developments
10.24 Cree (Wolfspeed)
10.24.1 Cree (Wolfspeed) Power Discrete Device Basic Information
10.24.2 Cree (Wolfspeed) Power Discrete Device Product Overview
10.24.3 Cree (Wolfspeed) Power Discrete Device Product Market Performance
10.24.4 Cree (Wolfspeed) Business Overview
10.24.5 Cree (Wolfspeed) Recent Developments
10.25 PANJIT Group
10.25.1 PANJIT Group Power Discrete Device Basic Information
10.25.2 PANJIT Group Power Discrete Device Product Overview
10.25.3 PANJIT Group Power Discrete Device Product Market Performance
10.25.4 PANJIT Group Business Overview
10.25.5 PANJIT Group Recent Developments
10.26 Unisonic Technologies (UTC)
10.26.1 Unisonic Technologies (UTC) Power Discrete Device Basic Information
10.26.2 Unisonic Technologies (UTC) Power Discrete Device Product Overview
10.26.3 Unisonic Technologies (UTC) Power Discrete Device Product Market Performance
10.26.4 Unisonic Technologies (UTC) Business Overview
10.26.5 Unisonic Technologies (UTC) Recent Developments
10.27 Niko Semiconductor
10.27.1 Niko Semiconductor Power Discrete Device Basic Information
10.27.2 Niko Semiconductor Power Discrete Device Product Overview
10.27.3 Niko Semiconductor Power Discrete Device Product Market Performance
10.27.4 Niko Semiconductor Business Overview
10.27.5 Niko Semiconductor Recent Developments
10.28 Hangzhou Silan Microelectronics
10.28.1 Hangzhou Silan Microelectronics Power Discrete Device Basic Information
10.28.2 Hangzhou Silan Microelectronics Power Discrete Device Product Overview
10.28.3 Hangzhou Silan Microelectronics Power Discrete Device Product Market Performance
10.28.4 Hangzhou Silan Microelectronics Business Overview
10.28.5 Hangzhou Silan Microelectronics Recent Developments

+357 96 030922
info@marketpublishers.com

10.29 Yangzhou Yangjie Electronic Technology
10.29.1 Yangzhou Yangjie Electronic Technology Power Discrete Device Basic Information
10.29.2 Yangzhou Yangjie Electronic Technology Power Discrete Device Product Overview
10.29.3 Yangzhou Yangjie Electronic Technology Power Discrete Device Product Market Performance
10.29.4 Yangzhou Yangjie Electronic Technology Business Overview
10.29.5 Yangzhou Yangjie Electronic Technology Recent Developments
10.30 China Resources Microelectronics Limited
10.30.1 China Resources Microelectronics Limited Power Discrete Device Basic Information
10.30.2 China Resources Microelectronics Limited Power Discrete Device Product Overview
10.30.3 China Resources Microelectronics Limited Power Discrete Device Product Market Performance
10.30.4 China Resources Microelectronics Limited Business Overview
10.30.5 China Resources Microelectronics Limited Recent Developments

11 POWER DISCRETE DEVICE MARKET FORECAST BY REGION

11.1 Global Power Discrete Device Market Size Forecast
11.2 Global Power Discrete Device Market Forecast by Region
11.2.1 North America Market Size Forecast by Country
11.2.2 Europe Power Discrete Device Market Size Forecast by Country
11.2.3 Asia Pacific Power Discrete Device Market Size Forecast by Region
11.2.4 South America Power Discrete Device Market Size Forecast by Country
11.2.5 Middle East and Africa Forecasted Consumption of Power Discrete Device by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Power Discrete Device Market Forecast by Type (2025-2032)
12.1.1 Global Forecasted Sales of Power Discrete Device by Type (2025-2032)
12.1.2 Global Power Discrete Device Market Size Forecast by Type (2025-2032)
12.1.3 Global Forecasted Price of Power Discrete Device by Type (2025-2032)
12.2 Global Power Discrete Device Market Forecast by Application (2025-2032)
12.2.1 Global Power Discrete Device Sales (K Units) Forecast by Application
12.2.2 Global Power Discrete Device Market Size (M USD) Forecast by Application

+357 96 030922
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(2025-2032)

13 CONCLUSION AND KEY FINDINGS

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List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type
Table 2. Introduction of the Application
Table 3. Market Size (M USD) Segment Executive Summary
Table 4. Power Discrete Device Market Size Comparison by Region (M USD)
Table 5. Global Power Discrete Device Sales (K Units) by Manufacturers (2019-2024)
Table 6. Global Power Discrete Device Sales Market Share by Manufacturers (2019-2024)
Table 7. Global Power Discrete Device Revenue (M USD) by Manufacturers (2019-2024)
Table 8. Global Power Discrete Device Revenue Share by Manufacturers (2019-2024)
Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Power Discrete Device as of 2022)
Table 10. Global Market Power Discrete Device Average Price (USD/Unit) of Key Manufacturers (2019-2024)
Table 11. Manufacturers Power Discrete Device Sales Sites and Area Served
Table 12. Manufacturers Power Discrete Device Product Type
Table 13. Global Power Discrete Device Manufacturers Market Concentration Ratio (CR5 and HHI)
Table 14. Mergers & Acquisitions, Expansion Plans
Table 15. Industry Chain Map of Power Discrete Device
Table 16. Market Overview of Key Raw Materials
Table 17. Midstream Market Analysis
Table 18. Downstream Customer Analysis
Table 19. Key Development Trends
Table 20. Driving Factors
Table 21. Power Discrete Device Market Challenges
Table 22. Global Power Discrete Device Sales by Type (K Units)
Table 23. Global Power Discrete Device Market Size by Type (M USD)
Table 24. Global Power Discrete Device Sales (K Units) by Type (2019-2024)
Table 25. Global Power Discrete Device Sales Market Share by Type (2019-2024)
Table 26. Global Power Discrete Device Market Size (M USD) by Type (2019-2024)
Table 27. Global Power Discrete Device Market Size Share by Type (2019-2024)
Table 28. Global Power Discrete Device Price (USD/Unit) by Type (2019-2024)
Table 29. Global Power Discrete Device Sales (K Units) by Application
Table 30. Global Power Discrete Device Market Size by Application

+357 96 030922
info@marketpublishers.com

Table 31. Global Power Discrete Device Sales by Application (2019-2024) & (K Units)
Table 32. Global Power Discrete Device Sales Market Share by Application (2019-2024)
Table 33. Global Power Discrete Device Sales by Application (2019-2024) & (M USD)
Table 34. Global Power Discrete Device Market Share by Application (2019-2024)
Table 35. Global Power Discrete Device Sales Growth Rate by Application (2019-2024)
Table 36. Global Power Discrete Device Sales by Region (2019-2024) & (K Units)
Table 37. Global Power Discrete Device Sales Market Share by Region (2019-2024)
Table 38. North America Power Discrete Device Sales by Country (2019-2024) & (K Units)
Table 39. Europe Power Discrete Device Sales by Country (2019-2024) & (K Units)
Table 40. Asia Pacific Power Discrete Device Sales by Region (2019-2024) & (K Units)
Table 41. South America Power Discrete Device Sales by Country (2019-2024) & (K Units)
Table 42. Middle East and Africa Power Discrete Device Sales by Region (2019-2024) & (K Units)
Table 43. Global Power Discrete Device Production (K Units) by Region (2019-2024)
Table 44. Global Power Discrete Device Revenue (US$ Million) by Region (2019-2024)
Table 45. Global Power Discrete Device Revenue Market Share by Region (2019-2024)
Table 46. Global Power Discrete Device Production (K Units), Revenue (US$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 47. North America Power Discrete Device Production (K Units), Revenue (US$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 48. Europe Power Discrete Device Production (K Units), Revenue (US$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 49. Japan Power Discrete Device Production (K Units), Revenue (US$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 50. China Power Discrete Device Production (K Units), Revenue (US$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 51. Infineon Power Discrete Device Basic Information
Table 52. Infineon Power Discrete Device Product Overview
Table 53. Infineon Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 54. Infineon Business Overview
Table 55. Infineon Power Discrete Device SWOT Analysis
Table 56. Infineon Recent Developments
Table 57. Onsemi Power Discrete Device Basic Information
Table 58. Onsemi Power Discrete Device Product Overview
Table 59. Onsemi Power Discrete Device Sales (K Units), Revenue (M USD), Price

+357 96 030922
info@marketpublishers.com

(USD/Unit) and Gross Margin (2019-2024)
Table 60. Onsemi Business Overview
Table 61. Onsemi Power Discrete Device SWOT Analysis
Table 62. Onsemi Recent Developments
Table 63. ST Microelectronics Power Discrete Device Basic Information
Table 64. ST Microelectronics Power Discrete Device Product Overview
Table 65. ST Microelectronics Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 66. ST Microelectronics Power Discrete Device SWOT Analysis
Table 67. ST Microelectronics Business Overview
Table 68. ST Microelectronics Recent Developments
Table 69. Mitsubishi Electric (Vincotech) Power Discrete Device Basic Information
Table 70. Mitsubishi Electric (Vincotech) Power Discrete Device Product Overview
Table 71. Mitsubishi Electric (Vincotech) Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 72. Mitsubishi Electric (Vincotech) Business Overview
Table 73. Mitsubishi Electric (Vincotech) Recent Developments
Table 74. Nexperia Power Discrete Device Basic Information
Table 75. Nexperia Power Discrete Device Product Overview
Table 76. Nexperia Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 77. Nexperia Business Overview
Table 78. Nexperia Recent Developments
Table 79. Vishay Intertechnology Power Discrete Device Basic Information
Table 80. Vishay Intertechnology Power Discrete Device Product Overview
Table 81. Vishay Intertechnology Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 82. Vishay Intertechnology Business Overview
Table 83. Vishay Intertechnology Recent Developments
Table 84. Toshiba Power Discrete Device Basic Information
Table 85. Toshiba Power Discrete Device Product Overview
Table 86. Toshiba Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 87. Toshiba Business Overview
Table 88. Toshiba Recent Developments
Table 89. Fuji Electric Power Discrete Device Basic Information
Table 90. Fuji Electric Power Discrete Device Product Overview
Table 91. Fuji Electric Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

+357 96 030922
info@marketpublishers.com

Table 92. Fuji Electric Business Overview
Table 93. Fuji Electric Recent Developments
Table 94. Rohm Power Discrete Device Basic Information
Table 95. Rohm Power Discrete Device Product Overview
Table 96. Rohm Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 97. Rohm Business Overview
Table 98. Rohm Recent Developments
Table 99. Renesas Electronics Power Discrete Device Basic Information
Table 100. Renesas Electronics Power Discrete Device Product Overview
Table 101. Renesas Electronics Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 102. Renesas Electronics Business Overview
Table 103. Renesas Electronics Recent Developments
Table 104. Diodes Incorporated Power Discrete Device Basic Information
Table 105. Diodes Incorporated Power Discrete Device Product Overview
Table 106. Diodes Incorporated Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 107. Diodes Incorporated Business Overview
Table 108. Diodes Incorporated Recent Developments
Table 109. Littelfuse (IXYS) Power Discrete Device Basic Information
Table 110. Littelfuse (IXYS) Power Discrete Device Product Overview
Table 111. Littelfuse (IXYS) Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 112. Littelfuse (IXYS) Business Overview
Table 113. Littelfuse (IXYS) Recent Developments
Table 114. Alpha and Omega Semiconductor Power Discrete Device Basic Information
Table 115. Alpha and Omega Semiconductor Power Discrete Device Product Overview
Table 116. Alpha and Omega Semiconductor Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 117. Alpha and Omega Semiconductor Business Overview
Table 118. Alpha and Omega Semiconductor Recent Developments
Table 119. SEMIKRON Power Discrete Device Basic Information
Table 120. SEMIKRON Power Discrete Device Product Overview
Table 121. SEMIKRON Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 122. SEMIKRON Business Overview
Table 123. SEMIKRON Recent Developments
Table 124. Hitachi Power Semiconductor Device Power Discrete Device Basic

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Information
Table 125. Hitachi Power Semiconductor Device Power Discrete Device Product Overview
Table 126. Hitachi Power Semiconductor Device Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 127. Hitachi Power Semiconductor Device Business Overview
Table 128. Hitachi Power Semiconductor Device Recent Developments
Table 129. Microchip Power Discrete Device Basic Information
Table 130. Microchip Power Discrete Device Product Overview
Table 131. Microchip Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 132. Microchip Business Overview
Table 133. Microchip Recent Developments
Table 134. Sanken Electric Power Discrete Device Basic Information
Table 135. Sanken Electric Power Discrete Device Product Overview
Table 136. Sanken Electric Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 137. Sanken Electric Business Overview
Table 138. Sanken Electric Recent Developments
Table 139. Semtech Power Discrete Device Basic Information
Table 140. Semtech Power Discrete Device Product Overview
Table 141. Semtech Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 142. Semtech Business Overview
Table 143. Semtech Recent Developments
Table 144. MagnaChip Power Discrete Device Basic Information
Table 145. MagnaChip Power Discrete Device Product Overview
Table 146. MagnaChip Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 147. MagnaChip Business Overview
Table 148. MagnaChip Recent Developments
Table 149. Danfoss Power Discrete Device Basic Information
Table 150. Danfoss Power Discrete Device Product Overview
Table 151. Danfoss Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 152. Danfoss Business Overview
Table 153. Danfoss Recent Developments
Table 154. Bosch Power Discrete Device Basic Information
Table 155. Bosch Power Discrete Device Product Overview

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Table 156. Bosch Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 157. Bosch Business Overview
Table 158. Bosch Recent Developments
Table 159. Texas Instruments Power Discrete Device Basic Information
Table 160. Texas Instruments Power Discrete Device Product Overview
Table 161. Texas Instruments Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 162. Texas Instruments Business Overview
Table 163. Texas Instruments Recent Developments
Table 164. KEC Corporation Power Discrete Device Basic Information
Table 165. KEC Corporation Power Discrete Device Product Overview
Table 166. KEC Corporation Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 167. KEC Corporation Business Overview
Table 168. KEC Corporation Recent Developments
Table 169. Cree (Wolfspeed) Power Discrete Device Basic Information
Table 170. Cree (Wolfspeed) Power Discrete Device Product Overview
Table 171. Cree (Wolfspeed) Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 172. Cree (Wolfspeed) Business Overview
Table 173. Cree (Wolfspeed) Recent Developments
Table 174. PANJIT Group Power Discrete Device Basic Information
Table 175. PANJIT Group Power Discrete Device Product Overview
Table 176. PANJIT Group Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 177. PANJIT Group Business Overview
Table 178. PANJIT Group Recent Developments
Table 179. Unisonic Technologies (UTC) Power Discrete Device Basic Information
Table 180. Unisonic Technologies (UTC) Power Discrete Device Product Overview
Table 181. Unisonic Technologies (UTC) Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 182. Unisonic Technologies (UTC) Business Overview
Table 183. Unisonic Technologies (UTC) Recent Developments
Table 184. Niko Semiconductor Power Discrete Device Basic Information
Table 185. Niko Semiconductor Power Discrete Device Product Overview
Table 186. Niko Semiconductor Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 187. Niko Semiconductor Business Overview

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Table 188. Niko Semiconductor Recent Developments
Table 189. Hangzhou Silan Microelectronics Power Discrete Device Basic Information
Table 190. Hangzhou Silan Microelectronics Power Discrete Device Product Overview
Table 191. Hangzhou Silan Microelectronics Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 192. Hangzhou Silan Microelectronics Business Overview
Table 193. Hangzhou Silan Microelectronics Recent Developments
Table 194. Yangzhou Yangjie Electronic Technology Power Discrete Device Basic Information
Table 195. Yangzhou Yangjie Electronic Technology Power Discrete Device Product Overview
Table 196. Yangzhou Yangjie Electronic Technology Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 197. Yangzhou Yangjie Electronic Technology Business Overview
Table 198. Yangzhou Yangjie Electronic Technology Recent Developments
Table 199. China Resources Microelectronics Limited Power Discrete Device Basic Information
Table 200. China Resources Microelectronics Limited Power Discrete Device Product Overview
Table 201. China Resources Microelectronics Limited Power Discrete Device Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 202. China Resources Microelectronics Limited Business Overview
Table 203. China Resources Microelectronics Limited Recent Developments
Table 204. Global Power Discrete Device Sales Forecast by Region (2025-2032) & (K Units)
Table 205. Global Power Discrete Device Market Size Forecast by Region (2025-2032) & (M USD)
Table 206. North America Power Discrete Device Sales Forecast by Country (2025-2032) & (K Units)
Table 207. North America Power Discrete Device Market Size Forecast by Country (2025-2032) & (M USD)
Table 208. Europe Power Discrete Device Sales Forecast by Country (2025-2032) & (K Units)
Table 209. Europe Power Discrete Device Market Size Forecast by Country (2025-2032) & (M USD)
Table 210. Asia Pacific Power Discrete Device Sales Forecast by Region (2025-2032) & (K Units)
Table 211. Asia Pacific Power Discrete Device Market Size Forecast by Region (2025-2032) & (M USD)

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Table 212. South America Power Discrete Device Sales Forecast by Country (2025-2032) & (K Units)
Table 213. South America Power Discrete Device Market Size Forecast by Country (2025-2032) & (M USD)
Table 214. Middle East and Africa Power Discrete Device Consumption Forecast by Country (2025-2032) & (Units)
Table 215. Middle East and Africa Power Discrete Device Market Size Forecast by Country (2025-2032) & (M USD)
Table 216. Global Power Discrete Device Sales Forecast by Type (2025-2032) & (K Units)
Table 217. Global Power Discrete Device Market Size Forecast by Type (2025-2032) & (M USD)
Table 218. Global Power Discrete Device Price Forecast by Type (2025-2032) & (USD/Unit)
Table 219. Global Power Discrete Device Sales (K Units) Forecast by Application (2025-2032)
Table 220. Global Power Discrete Device Market Size Forecast by Application (2025-2032) & (M USD)

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List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Power Discrete Device
Figure 2. Data Triangulation
Figure 3. Key Caveats
Figure 4. Global Power Discrete Device Market Size (M USD), 2019-2032
Figure 5. Global Power Discrete Device Market Size (M USD) (2019-2032)
Figure 6. Global Power Discrete Device Sales (K Units) & (2019-2032)
Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
Figure 9. Evaluation Matrix of Regional Market Development Potential
Figure 10. Power Discrete Device Market Size by Country (M USD)
Figure 11. Power Discrete Device Sales Share by Manufacturers in 2023
Figure 12. Global Power Discrete Device Revenue Share by Manufacturers in 2023
Figure 13. Power Discrete Device Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
Figure 14. Global Market Power Discrete Device Average Price (USD/Unit) of Key Manufacturers in 2023
Figure 15. The Global 5 and 10 Largest Players: Market Share by Power Discrete Device Revenue in 2023
Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
Figure 17. Global Power Discrete Device Market Share by Type
Figure 18. Sales Market Share of Power Discrete Device by Type (2019-2024)
Figure 19. Sales Market Share of Power Discrete Device by Type in 2023
Figure 20. Market Size Share of Power Discrete Device by Type (2019-2024)
Figure 21. Market Size Market Share of Power Discrete Device by Type in 2023
Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
Figure 23. Global Power Discrete Device Market Share by Application
Figure 24. Global Power Discrete Device Sales Market Share by Application (2019-2024)
Figure 25. Global Power Discrete Device Sales Market Share by Application in 2023
Figure 26. Global Power Discrete Device Market Share by Application (2019-2024)
Figure 27. Global Power Discrete Device Market Share by Application in 2023
Figure 28. Global Power Discrete Device Sales Growth Rate by Application (2019-2024)
Figure 29. Global Power Discrete Device Sales Market Share by Region (2019-2024)
Figure 30. North America Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)

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Figure 31. North America Power Discrete Device Sales Market Share by Country in 2023
Figure 32. U.S. Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 33. Canada Power Discrete Device Sales (K Units) and Growth Rate (2019-2024)
Figure 34. Mexico Power Discrete Device Sales (Units) and Growth Rate (2019-2024)
Figure 35. Europe Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 36. Europe Power Discrete Device Sales Market Share by Country in 2023
Figure 37. Germany Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 38. France Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 39. U.K. Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 40. Italy Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 41. Russia Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 42. Asia Pacific Power Discrete Device Sales and Growth Rate (K Units)
Figure 43. Asia Pacific Power Discrete Device Sales Market Share by Region in 2023
Figure 44. China Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 45. Japan Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 46. South Korea Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 47. India Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 48. Southeast Asia Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 49. South America Power Discrete Device Sales and Growth Rate (K Units)
Figure 50. South America Power Discrete Device Sales Market Share by Country in 2023
Figure 51. Brazil Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 52. Argentina Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 53. Columbia Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 54. Middle East and Africa Power Discrete Device Sales and Growth Rate (K Units)

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Figure 55. Middle East and Africa Power Discrete Device Sales Market Share by Region in 2023
Figure 56. Saudi Arabia Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 57. UAE Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 58. Egypt Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 59. Nigeria Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 60. South Africa Power Discrete Device Sales and Growth Rate (2019-2024) & (K Units)
Figure 61. Global Power Discrete Device Production Market Share by Region (2019-2024)
Figure 62. North America Power Discrete Device Production (K Units) Growth Rate (2019-2024)
Figure 63. Europe Power Discrete Device Production (K Units) Growth Rate (2019-2024)
Figure 64. Japan Power Discrete Device Production (K Units) Growth Rate (2019-2024)
Figure 65. China Power Discrete Device Production (K Units) Growth Rate (2019-2024)
Figure 66. Global Power Discrete Device Sales Forecast by Volume (2019-2032) & (K Units)
Figure 67. Global Power Discrete Device Market Size Forecast by Value (2019-2032) & (M USD)
Figure 68. Global Power Discrete Device Sales Market Share Forecast by Type (2025-2032)
Figure 69. Global Power Discrete Device Market Share Forecast by Type (2025-2032)
Figure 70. Global Power Discrete Device Sales Forecast by Application (2025-2032)
Figure 71. Global Power Discrete Device Market Share Forecast by Application (2025-2032)

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